

ABSTRACTElectrical Machine

An electrical machine, such as a generator or motor, is
5 incorporated in a gas turbine engine. The engine has
compressor blades which are shrouded at. Beyond the
shroud, an electrical machine is provided by rotor
projections which run in a channel in flux cores, with
which excitor coils are associated. The result is an
10 electrical machine which is external to the combustion gas
paths of the engine, for ready access, and can have
optimised magnetic flux paths for efficiency. High
relative speeds within the electrical machine provide
further advantages.

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(Fig. 6)